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January 30, 2004

Date of Deposit

G. Peter Nichols, Reg. No. 34,401

Name of Applicant, Assignee or  
Registered Representative

Signature

January 30, 2004

Date of Signature

Our Case No.: 659/1528 (KC 14954)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Wang et al.

Serial No.: 09/579,842

Filing Date: May 26, 2000

For: MOISTURE-INDUCED  
POLY(ETHYLENE OXIDE) GEL,  
METHOD OF MAKING SAME AND  
ARTICLES USING SAME

Examiner: Jeffrey C. Mullis

Group Art Unit No.: 1711

**FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450 – Mail Stop RCE  
Alexandria, VA 22313-1450

Dear Sir:

It was noted in the Office Action mailed March 25, 2003 that certain submitted references were not considered by the Examiner because of deficiencies in the

Information Disclosure Statement. This First Supplemental Information Disclosure Statement is being submitted to address those deficiencies. Copies of the listed documents are enclosed for the convenience of the Examiner. English language abstracts corresponding to Foreign References B1-B3 have been provided for the convenience of the Examiner.

The references now cited are the following:

#### Foreign Patent Documents

<b>DOCUMENT NUMBER</b> <small>Number-Kind Code (if known)</small>	<b>DATE</b>	<b>COUNTRY</b>
EP 0 316 792	05/1989	Europe
JP 1-246111	10/1989	Japan
JP 8-212995	08/1996	Japan

#### Other Art References

<b>OTHER ART – NON PATENT LITERATURE DOCUMENTS</b> <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>
HEATH, D. et al., "Rheological Investigations of the Effect of the Addition of Free Polymer to Concentrated Sterically Stabilised Polystyrene Latex Dispersions", <i>Faraday Discussions of the Chemical Society: Concentrated Colloidal Dispersions</i> , The Faraday Division, The Royal Society of Chemistry, London, UK, No. 76, 1983, pp. 203-218.
BARTCZAK, Z. et al., "Changes in Interface Shape During Crystallization in Two-Component Polymer Systems", <i>Polymer</i> , Vol. 27, April 1986, pp. 544-548.
BAKER, J. A. et al., "Investigation of the Adsorption Configuration of Poly(ethylene oxide) and Its Copolymers with Poly(propylene oxide) on Model Polystyrene Latex Dispersions", <i>Langmuir – The ACS Journal of Surfaces and Colloids</i> , Vol. 4, No. 4, July/August 1988, pp. 1055-1061.
TUCKER, P.S. et al., "Molecular Weight Effects on Phase Behavior of Blends of Poly(phenylene oxide) with Styrenic Triblock Copolymers", <i>Macromolecules</i> , Vol. 21, 1988, pp. 2794-2800.
CALLAIS, P. et al., "The Maleic Anhydride Grafting of Polypropylene with Organic Peroxides", <i>Proceedings of the Second International Congress on Compatibilizers and Reactive Polymer Alloying: Compalloy '90, March 7-9, 1990, The Westin Canal Place Hotel, New Orleans, Louisiana</i> , Schotland Business Research, Inc., Princeton, NJ, Copyright: 1989, pp. 359-367.
GOODWIN, J.V. et al., "Synthesis, Characterization, and Rheology of Polymer-Stabilized Aqueous Suspensions of Polystyrene Latex", <i>Polymeric Materials: Science and Engineering</i> , American Chemical Society, Vol. 61, 1989, pp. 156-160.
OUN, A., "Preparation and Characterization of Polymer Stabilized Polystyrene Latex", <i>Polymer International</i> , Vol. 29, 1992, pp. 313-318.

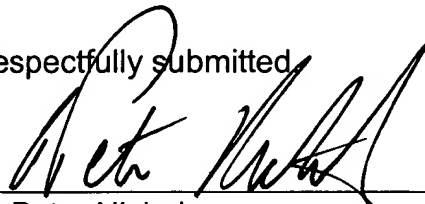
SONG, Z. et al., "Melt Grafting of T-Butylaminoethyl Methacrylate Onto Polyethylene", <i>Polymer</i> , Vol. 33, No. 15, 1992, pp. 3266-3273.
LIANG, W. et al., "Effect of Volume Fraction and Particle Size on Depletion Flocculation of a Sterically Stabilized Latex Dispersion Induced by Addition of Poly (ethylene oxide)", <i>Journal of Colloid and Interface Science</i> , Vol. 155, 1993, pp. 156-164.
American Society for Testing and Materials, "Standard Test Method for Tear-Propagation Resistance of Plastic Film and Thin Sheeting by a Single-Tear Method", <i>American Society for Testing and Materials Standard, Designation: D 1938 – 94</i> , ASTM, West Conshohocken, PA, Copyright: April 1994, pp. 480-482.
CHERN et al., "Emulsion Polymerization of Acrylic Monomers Stabilized by Poly (Ethylene Oxide)", <i>Journal of Macromolecular Science – Pure and Applied Chemistry</i> , Vol. 33, Nos. 7-12, 1996, pp. 1063-1075.
American Society for Testing and Materials, "Standard Test Method for Tensile Properties of Plastics", <i>American Society for Testing and Materials Standard, Designation: D 638 – 99</i> , ASTM, West Conshohocken, PA, Copyright: February 2000, pp. 46-58.

In accordance with 37 C.F.R. § 1.97(g),(h), this First Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

Should any additional fees be deemed necessary under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

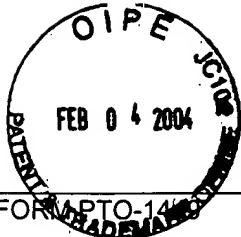
Applicant(s) respectfully request that the Examiner consider the listed documents and make them of record in the present case.

Respectfully submitted



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FORM PTO-146	SERIAL NO. 09/579,842	CASE NO. 659/1528
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE May 26, 2000	GROUP ART UNIT 1711
(use several sheets if necessary)		APPLICANT(S): Wang et al.

#### REFERENCE DESIGNATION

#### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	B1	EP 0 316 792 B1	05/1989	Europe	Abstract
	B2	JP 1-246111 A	10/1989	Japan	Abstract
	B3	JP 8-212995 A	08/1996	Japan	Abstract

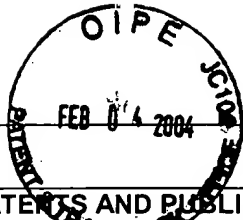
#### OTHER ART – NON PATENT LITERATURE DOCUMENTS

(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS
	B4 HEATH, D. et al., "Rheological Investigations of the Effect of the Addition of Free Polymer to Concentrated Sterically Stabilised Polystyrene Latex Dispersions", <i>Faraday Discussions of the Chemical Society: Concentrated Colloidal Dispersions</i> , The Faraday Division, The Royal Society of Chemistry, London, UK, No. 76, 1983, pp. 203-218.
	B5 BARTCZAK, Z. et al., "Changes in Interface Shape During Crystallization in Two-Component Polymer Systems", <i>Polymer</i> , Vol. 27, April 1986, pp. 544-548.
	B6 BAKER, J. A. et al., "Investigation of the Adsorption Configuration of Poly(ethylene oxide) and Its Copolymers with Poly(propylene oxide) on Model Polystyrene Latex Dispersions", <i>Langmuir – The ACS Journal of Surfaces and Colloids</i> , Vol. 4, No. 4, July/August 1988, pp. 1055-1061.
	B7 TUCKER, P.S. et al., "Molecular Weight Effects on Phase Behavior of Blends of Poly(phenylene oxide) with Styrenic Triblock Copolymers", <i>Macromolecules</i> , Vol. 21, 1988, pp. 2794-2800.
	B8 CALLAIS, P. et al., "The Maleic Anhydride Grafting of Polypropylene with Organic Peroxides", <i>Proceedings of the Second International Congress on Compatibilizers and Reactive Polymer Alloying: Compalloy '90, March 7-9, 1990, The Westin Canal Place Hotel, New Orleans, Louisiana</i> , Schotland Business Research, Inc., Princeton, NJ, Copyright: 1989, pp. 359-367.
	B9 GOODWIN, J.V. et al., "Synthesis, Characterization, and Rheology of Polymer-Stabilized Aqueous Suspensions of Polystyrene Latex", <i>Polymeric Materials: Science and Engineering</i> , American Chemical Society, Vol. 61, 1989, pp. 156-160.
	B10 OUN, A., "Preparation and Characterization of Polymer Stabilized Polystyrene Latex", <i>Polymer International</i> , Vol. 29, 1992, pp. 313-318.
	B11 SONG, Z. et al., "Melt Grafting of T-Butylaminoethyl Methacrylate Onto Polyethylene", <i>Polymer</i> , Vol. 33, No. 15, 1992, pp. 3266-3273.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449	SERIAL NO. 09/579,842	CASE NO. 659/1528
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE May 26, 2000	GROUP ART UNIT 1711
APPLICANT(S): Johnson et al.		

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
	B12	LIANG, W. et al., "Effect of Volume Fraction and Particle Size on Depletion Flocculation of a Sterically Stabilized Latex Dispersion Induced by Addition of Poly (ethylene oxide)", <i>Journal of Colloid and Interface Science</i> , Vol. 155, 1993, pp. 156-164.
	B13	American Society for Testing and Materials, "Standard Test Method for Tear-Propagation Resistance of Plastic Film and Thin Sheeting by a Single-Tear Method", <i>American Society for Testing and Materials Standard, Designation: D 1938 – 94</i> , ASTM, West Conshohocken, PA, Copyright: April 1994, pp. 480-482.
	B14	CHERN et al., "Emulsion Polymerization of Acrylic Monomers Stabilized by Poly (Ethylene Oxide)", <i>Journal of Macromolecular Science – Pure and Applied Chemistry</i> , Vol. 33, Nos. 7-12, 1996, pp. 1063-1075.
	B15	American Society for Testing and Materials, "Standard Test Method for Tensile Properties of Plastics", <i>American Society for Testing and Materials Standard, Designation: D 638 – 99</i> , ASTM, West Conshohocken, PA, Copyright: February 2000, pp. 46-58.

EXAMINER	DATE CONSIDERED
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